

Anti-Tetanus toxoid [F13] Standard Size Ab02099-10.6

This is a Fab fragment with a his-tag.

Isotype and Format: Human Fab fragment, His-Tagged, Lambda

Clone Number: F13

Alternative Name(s) of Target: TT; Tetanus toxin; tetX; Tentoxylisin

UniProt Accession Number of Target Protein: P04958

Published Application(s): NTRL, WB, ELISA

Published Species Reactivity: Clostridium tetani

Immunogen: The original antibody was generated by panning a phage display library against tetanus toxoid constructed from peripheral blood lymphocytes of naïve human donors.

Specificity: This antibody recognizes and binds 'YTPN' epitope of the tetanus toxoid.

Application Notes: Tetanus is a medical condition caused by the action of a potent neurotoxin produced by Clostridium tetani and characterized by prolonged contraction of skeletal muscle fibres. The binding activity and specificity of the antibody fragment was established by its reactivity toward tetanus toxoid in enzyme-linked immunosorbent assay and immunoblot analysis. F13 Fab is capable of neutralizing tetanus toxoid. The neutralizing activity was determined by flocculation assay (PMID: 24678405).

Antibody First Published in: Neelakantam et al. Recombinant human antibody fragment against tetanus toxoid produced by phage display. Eur J Microbiol Immunol (Bp) (2014); 4(1):45-55. [PMID:24678405](#)

Note on publication: Describes the generation of this recombinant antibody and its binding specificity and neutralizing activity.

Product Form

Size: 100 µg Purified antibody.

Purification: Purified by Immobilized Metal Affinity Chromatography

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.